



# APM CO., LTD

## AAWPCI36tH

### IEEE 802.11g High power PCI Adapter



#### Features

- Complies with IEEE 802.11b/g wireless standard
- Complies with PCI revision 2.2 and PCI power management revision 1.1
- Dynamic data rate scaling at 1, 2, 5.5 and 11Mbps for 802.11b and 6,9,12,18,24,36,48 and 54Mbps for 802.11g
- High Speed transfer data rate up to 54 Mbps
- Support turbo mode for 72 Mbps data rate
- Support wireless data encryption with 64/128-bit WEP, WPA (TKIP with IEEE 802.1x) and AES functions.
- Support Wake-on-LAN(WOL) function and remote wake-up
- Equips one external detachable dipole antenna
- Supports auto-installation and diagnostic utilities.

#### Specifications

Standards	IEEE 802.11g, IEEE 802.b
product	High-Power 802.11g Turbo Wireless LAN PCI Adapter with Reverse SMA Connector
Frequency Band	2.4000~2.4835GHz (Industrial Scientific Medical Band)
Modulation	OFDM with BPSK, QPSK, 16QAM, 64QAM (11g) BPSK, QPSK, CCK (11b)
Antenna	External Antenna
Security	64/128-bit WEP, WPA(TKIP with IEEE 802.1x), AES
Transmit Power	22 dBm± 1dBm
Receiver Sensitivity	54Mbps OFDM, 10%PER, -68dBm 11Mbps CCK, 8%PER, -86dBm 1Mbps BPSK, 8%PER, -92dBm
Cannel	USA 11, Europe 13, Japan 14
Data Rate	802.11b: 1, 2, 5.5 and 11Mbps 802.11g: 6, 9, 12, 18, 24, 36, 48, and 54Mbps
Operating Temperature	0- 40 0C (32 – 104 0C)
Operating Humidity	10% ~ 90% (non-condensing)